



U. S. Department  
of Transportation

**Federal Aviation  
Administration**

Small Airplane Directorate  
Cleveland Manufacturing Inspection District Office  
Great Northern Technology Park II  
25221 Country Club Blvd., Suite 255  
North Olmsted, Ohio 44070

March 30, 2006

Aviation Component Solutions  
1380 Heritage Drive  
Cleveland, Ohio 44117

Attention: Mr. Dave Kvasnicka  
General Manager

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

The statements dated March 27, 2006, certifying that Aviation Component Solutions has established a fabrication inspection system that meets the requirements of 14 CFR part 21.303(h) for the parts listed, are accepted.

Transmitted herewith is Production Approval Listing, Supplement No. 77 dated March 30, 2006, which grants approval of the production of the parts listed thereon, under the same conditions and limitations included in the approval letter of June 27, 2000.

Should you have any questions regarding this matter, you may wish to direct them to this office at telephone number (440) 686-2800.

Sincerely,

A handwritten signature in black ink, appearing to read 'MAT' or similar, written over a horizontal line.

for Matthew E. Tomscheck  
Manager, Manufacturing  
Inspection District Office

Enclosure

**PARTS MANUFACTURER APPROVAL NO: PQ2685CE-D**  
**PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 77**  
**DATE: March 30, 2006**

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

Aviation Component Solutions  
 1380 Heritage Drive  
 Cleveland, Ohio 44117

<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Slipper	P00559	Goodrich Actuation Systems P/N 341274-283 installed in Goodrich Servocontrol -Aileron P/Ns: 31073-052, 31073-054, 31073-055, 31073-057, 31073-058, 31073-060, 31073-063, 31073-064, 31073-065, 31073-067, 31073-068, 31073-110	Test and Computations per 14 CFR § 21.303 DWG No.: P00559 Rev.: A Date: 12/07/2005 or later FAA approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-231
Valve Shaft Seal	P00584	Fairchild Controls P/N 203123 installed in Fairchild Controls Pneumatic Drive Turbine Assy P/Ns: 108440-10, 108440-12, 108440-14, 108440-16, 109300-2, 109300-4, 109300-6, 109300-14	Test and Computations per 14 CFR § 21.303 DWG No.: P00584 Rev.: B3 Date: 10/17/2005 or later FAA approved revisions	Boeing	747-100 Series, 747-100B Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747 SP Series, 747 SR Series,
		Fairchild Controls P/N 203123 installed in Fairchild Controls Pneumatic Drive Turbine Assy P/Ns: 109300-10, 109300-12	Test and Computations per 14 CFR § 21.303 DWG No.: P00584 Rev.: B3 Date: 10/17/2005 or later FAA approved revisions	Boeing	747-100 Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series, 747 SP Series,
		Fairchild Controls P/N 203123 installed in Fairchild Controls Pneumatic Drive Turbine Assy P/N: 109300-16	Test and Computations per 14 CFR § 21.303 DWG No.: P00584 Rev.: B3 Date: 10/17/2005 or later FAA approved revisions	Boeing	747-100 Series, 747-100B SUD Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747 SP Series,

		Fairchild Controls P/N 203123 installed in Fairchild Controls Pneumatic Drive Turbine Assy P/N: 109300-18	Test and Computations per 14 CFR § 21.303 DWG No.: P00584 Rev.: B3 Date: 10/17/2005 or later FAA approved revisions	Boeing	747-100 Series, 747-200B Series, 747-200C Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400D Series, 747-400F Series, 747 SP Series,
		Fairchild Controls P/N 203123 installed in Fairchild Controls Pneumatic Drive Turbine Assy P/N: 109300-20	Test and Computations per 14 CFR § 21.303 DWG No.: P00584 Rev.: B3 Date: 10/17/2005 or later FAA approved revisions	Boeing	747-200B Series, 747-200F Series, 747-300 Series, 747-400 Series, 747-400F Series,
LP Valve Seat	P00585	Lucas Aerospace P/N 340514 installed in Lucas Aerospace Outer Group Valve Assy P/N: 30829-100	Test and Computations per 14 CFR § 21.303 DWG No.: P00585 Rev.: A Date: 01/05/2005 or later FAA approved revisions	Airbus	A300B4-603, A300B4-605R, A300B4-620, A300C4-605R (Variant F), A310-204,A310-222, A310-304,A310-322, A310-324,A310-325
Spring Retainer	P00738	Honeywell P/N 3175500-1 installed in Honeywell Starter Control Valve P/N: 3290064-10, 3290064-17	Test and Computations per 14 CFR § 21.303 DWG No.: P00738 Rev.: A Date: 10/17/2005 or later FAA approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A320-111, A320-211, A320-212, A320-214, A321-111, A321-112, A321-211, A321-231
				CFM International	CFM56-5A1/F, CFM56-5A4, CFM56-5A4/F, CFM56-5A5, CFM56-5A5/F, CFM56-5B1, CFM56-5B2, CFM56-5B4, CFM56-5B5, CFM56-5B6, CFM56-5B7, CFM56-5B1/2P, CFM56-5B2/2P, CFM56-5B3/2P, CFM56-5B4/2P, CFM56-5B6/2P, CFM56-5B1/P, CFM56-5B2/P, CFM56-5B3/P, CFM56-5B4/P, CFM56-5B5/P, CFM56-5B6/P, CFM56-5B7/P
		Honeywell P/N 3175500-1 installed in Honeywell Starter Control Valve P/Ns: 3290064-18 & 3290064-19	Test and Computations per 14 CFR § 21.303 DWG No.: P00738 Rev.: A Date: 10/17/2005 or later FAA approved revisions	Airbus	A340-211, A340-212, A340-213, A340-311, A340-313

				CFM International	CFM56-5C2, CFM56-5C2/4, CFM56-5C2/F, CFM56-5C2/F4, CFM56-5C2/G, CFM56-5C2/G4, CFM56-5C3/F, CFM56-5C3/F4, CFM56-5C3/G, CFM56-5C3/G4, CFM56-5C4, CFM56-5C4/1
		Honeywell P/N 3175500-1 installed in Honeywell Starter Control Valve P/N: 3290064-13	Test and Computations per 14 CFR § 21.303 DWG No.: P00738 Rev.: A Date: 10/17/2005 or later FAA approved revisions	Airbus	A340-211, A340-212, A340-213, A340-311, A340-313
				CFM International	CFM56-5C2, CFM56-5C2/F, CFM56-5C3/F
		Honeywell P/N 3175500-1 installed in Honeywell Starter Control Valve P/Ns: 3291172-2, 3291172-3	Test and Computations per 14 CFR § 21.303 DWG No.: P00738 Rev.: A Date: 10/17/2005 or later FAA approved revisions	Boeing	747-400 Series, 747-400F Series, 767-300 Series
Shaft, Butterfly	P00587	Kaiser Fluid Technologies PN 300013004 Installed In Kaiser Fluid Technologies Cowf Anti-Ice Valve PNs: 300013000-002, 300013000-003	Test and Computations per 14 CFR § 21.303 DWG No: P00587 Rev: A Date: 11/16/2004 or later FAA-approved revisions	Bombardier	CL600-2B19
Clapper	P00730	Liebherr-Aerospace P/N 6729-241 installed in Liebherr- Aerospace Flow Control Valve P/N 751A0000-07	Test and Computations per 14 CFR § 21.303 DWG No: P00730 Rev: A2 Date: June 22, 2005 or later FAA-approved revisions	Airbus	A319-111, -112, -113, -114, -131  A320-211, -212, -214, -231, -232, -233
		Liebherr-Aerospace P/N 6729-241 installed in Liebherr- Aerospace Flow Control Valve P/N 751B0000-02	Test and Computations per 14 CFR § 21.303 DWG No: P00730 Rev: A2 Date: June 22, 2005 or later FAA-approved revisions	Airbus	A321-111, -112, -131, -211, -231

-----End of Listing-----



Matthew E. Tomscheck  
Manager, Manufacturing  
Inspection District Office